

Draft
GCMRC Colorado River Science Symposium
Poster Session – October 28, 2003 (5:15 – 9:00 p.m.)
Sheraton Tucson Hotel and Suites, Tucson, AZ
Poster Presentations

Adopt A Beach Project: Long Term Monitoring of High-Demand Camping Beaches in Grand Canyon, Kate Thompson, Grand Canyon River Guides

Analysis of PIT Tag Data from Bluehead Suckers (*Catostomus discobolus*) in the Little Colorado River in Grand Canyon, 1991-2003, David Ward, Arizona Game and Fish Research Branch, (presented by Scott Rogers)

Assessment of the flannelmouth sucker population in the Little Colorado River, Scott Rogers, Arizona Game and Fish Dept.

Bottom-up structuring of avian communities in the Grand Canyon: In search of arthropod indicators, Helen Yard, Helen Yard Consultants; Neil Cobb, NAU

Building an Integrated Ecological Spatial Database for the Grand Canyon using SDE, IMS, and Oracle, Steven Mietz, USGS GCMRC

Comparison of electrofishing and trammel netting variability for sampling native fishes in Grand Canyon, Colorado River, Arizona, Craig Paukert, USGS GCMRC

Development and implementation of Lake Powell Water Quality Database, William Vernieu, USGS GCMRC

Dissolved Organic Carbon Mass Transfer Under contrasting Flow Conditions, Todd Tietjen, NAU

Downstream Water Quality Effects of Lowering Lake Powell Elevation, Susan Hueftle, GCMRC

Effect of a 31,000-cfs spike flow and low steady flow on benthic biomass and drift composition in the Lees Ferry reach, Colorado River, Scott Rogers, Arizona Game and Fish Dept.

Effects of Discharges from Glen Canyon Dam on Potential Rearing Habitat of Humpback Chub (*Gila cypha*) at the Confluence of the Little Colorado and Colorado Rivers in Grand Canyon, Arizona, Frank Protiva, Shephard-Wesnitzer, Inc.

Factors affecting condition of flannelmouth sucker in the Colorado River, Grand Canyon, Arizona, Craig Paukert, USGS GCMRC, R.S. Rogers, Arizona Game and Fish Department

Fine-grained sediment inventory and change detection in the Grand Canyon River corridor using airborne digital imagery, Michael Breedlove, GCMRC

Grand Canyon Integrated Database Management System, Christopher Flaccus, Cory Lochridge, GCMRC

Influence of topographic complexity on aquatic ecosystems: solar insolation estimates for the Colorado River, Michael Yard, GCMRC; Glenn Bennett, USGS; Steven Mietz, Lew Coggins, GCMRC; Lawrence Stevens, Stevens Ecological Consulting; Susan Hueftle, GCMRC; Dean Blinn, NAU.

Integrated monitoring of terrestrial riparian resources along the Colorado River in Grand Canyon, Michael Kearsley, Northern Arizona University; Helen Yard, Helen Yard Consultants; Neil Cobb, NAU; David Lightfoot, Sandra Brantley, Jennifer Frey and Geoff Carpenter, University of New Mexico

Living in Paradise: the Endangered Kanab Ambersnail in Grand Canyon, Clay Nelson, J. Sorenson, Arizona Game and Fish Dept.

Site Fidelity of Humpback Chub in Grand Canyon, Craig Paukert and Lew Coggins, USGS GCMRC; T.L. Hoffnagle, Oregon Game and Fish Dept.; B. Persons, Arizona Game and Fish Dept.

The GCMRC Library Scanning Project, Stephanie Wyse, GCMRC

The Monitoring Window: Now You See It, Now You Don't, Lisa Leap, Jennifer Dierker, Nancy Andrews, National Park Service

The Role of Eolian Sediment Transport in the Preservation of Archeological Features: A New Research Initiative in Grand Canyon National Park, Amy E. Draut, David Rubin, USGS; Janet Balsom, NPS; Theodore Melis, GCMRC

Translocation of humpback chub (*Gila cypha*) above Chute Falls, Little Colorado River, Pam Sponholtz, U.S. Fish and Wildlife Service; K. Hilwig, Northern Arizona University Graduate Student

Boldface: Presenter

10/3/03:sm